



***Marine  
Environmental  
Support  
Office  
(MESO)***



## Capabilities

---

MESO is staffed with and has access to Space and Naval Warfare Systems Center, San Diego (SSC San Diego), Environmental Sciences Division scientists and engineers with expertise in marine biology, toxicology, chemistry and geochemistry, ecological risk assessment, oceanography, environmental modeling, and data management and analysis. Having the infrastructure and available expertise allows MESO to provide a range of services from regulation/policy reviews to conducting large-scale studies or risk assessments in support of compliance or National Environmental Policy Act requirements.

The specially developed Marine Environmental Survey Capability (MESOC) embarked aboard the SSC San Diego Research Vessel ECOS affords MESO the ability to map hydrodynamic and water quality parameters and pollutants in real-time.

Continuously updated document and environmental databases, part of the Marine Environmental Data and Information Center (MEDIC), allow MESO rapid access, retrieval, and transfer of technical and regulatory information. MESO distributes regulatory and technical environmental information via the Marine Environmental Update newsletter, published on the World Wide Web, to disseminate timely updates Navy-wide.



## Customer Benefits

MESO provides high-quality scientific and marine environmental compliance support services and FREE consultation to help our customers manage their environmental initiatives.

By providing continuing support on numerous and recurring marine environmental issues for many Navy activities, MESO has accumulated an extensive database of environmental information. This "corporate knowledge" of issues and solutions generally reduces costs and helps the customer by alleviating

the need to reproduce expensive sampling and analysis efforts in response to regulatory issues.

## Larger Support Roles

MESO often undertakes larger technical support roles that require greater levels of effort than covered by the NEPSS budget. Although these efforts are individually funded by the activity being supported, the work is greatly facilitated by having MESO's infrastructure and expertise in place.

## Mission

---

The Marine Environmental Support Office (MESO) provides Navy-wide technical support on a broad spectrum of marine science and compliance issues. This includes marine environmental quality assessment and data analysis; habitat protection; predicting current and future operational impacts; and assisting Navy commands in maintaining compliance with applicable local, state, and Federal marine environmental regulations. A significant component of that mission is responding to immediate, and occasionally urgent, requests from Navy fleet components and shore facilities.



Marine environmental quality sampling being performed aboard the R/V ECOS.

## Marine Environmental Support Office

SPAWARSYSCEN D3621  
53475 STROTHER ROAD RM 238  
SAN DIEGO CA 92152-6326

619.553.5330 or 5331  
DSN 553.5330 or 5331

### Facsimile

619.553.5404; DSN 553.5404

### E-mail

meso@spawar.navy.mil

### World Wide Web

<http://meso.spawar.navy.mil/>

Reviewed and approved by



Ernest L. Valdes, CAPT, USN  
Commanding Officer

SD 406  
November 2001  
SSC San Diego  
San Diego, CA 92152-5001

Approved for public release;  
distribution is unlimited.



Naval  
Environmental  
Protection  
Support  
Service

